



Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

Term:	<input type="text"/>	
		

Display:	<input type="text" value="10"/>	Documents in	Display Format:	<input type="text" value="-"/>	Starting with Number	<input type="text" value="1"/>
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Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search History

DATE: Wednesday, August 11, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L11</u>	l3 and (hierarch\$ or hierarchy or hierarchical) near2 (folders or retainers)	67	<u>L11</u>
<u>L10</u>	l7 and (hierarch\$ or hierarchy or hierarchical) near2 (folders or retainers)	25	<u>L10</u>
<u>L9</u>	L8 and (main or primary or first) near2 (folder or retainer)	19	<u>L9</u>
<u>L8</u>	L7 and (folders! or retainers!)	158	<u>L8</u>
<u>L7</u>	L3 and ("lotus notes" or "microsoft outlook")	475	<u>L7</u>
<u>L6</u>	5832470.uref.	13	<u>L6</u>
<u>L5</u>	L4 and (primary or main) near2 (folder or retainer)	12	<u>L5</u>
<u>L4</u>	L3 and (folders! or retainers!)	559	<u>L4</u>
<u>L3</u>	L2 and (electronic near2 message or e-mail)	6475	<u>L3</u>
<u>L2</u>	709.clas.	30473	<u>L2</u>
<u>L1</u>	709/209	373	<u>L1</u>

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
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Term:	<input type="text"/>
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Display:	<input type="text" value="10"/>	Documents in Display Format:	<input type="text" value=""/>	Starting with Number	<input type="text" value="1"/>
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Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

Search History

DATE: Wednesday, August 11, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L21</u>	l2 and l20	70	<u>L21</u>
<u>L20</u>	715.clas.	8038	<u>L20</u>
<u>L19</u>	707.clas.	21860	<u>L19</u>
<u>L18</u>	370.clas.	76662	<u>L18</u>
<u>L17</u>	370/389	6023	<u>L17</u>
<u>L16</u>	715/532	236	<u>L16</u>
<u>L15</u>	715/531	877	<u>L15</u>
<u>L14</u>	715/530	860	<u>L14</u>
<u>L13</u>	715/506	136	<u>L13</u>
<u>L12</u>	707/531	849	<u>L12</u>
<u>L11</u>	707/532	440	<u>L11</u>
<u>L10</u>	707/530	1196	<u>L10</u>
<u>L9</u>	707/506	265	<u>L9</u>
<u>L8</u>	707/8	2040	<u>L8</u>
<u>L7</u>	707/5	3161	<u>L7</u>

<u>L6</u>	707/3	6821	<u>L6</u>
<u>L5</u>	707/1	6793	<u>L5</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L4</u>	5491820.pn.	1	<u>L4</u>
<u>L3</u>	5491820.pn.	1	<u>L3</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L2</u>	L1 and (candidate same folder or select same folder or main near folder or primary near folder)	379	<u>L2</u>
<u>L1</u>	document near2 process\$	26705	<u>L1</u>

END OF SEARCH HISTORY

[First Hit](#) [Fwd Refs](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)[Search Forms](#)[Generate Collection](#)[Print](#)[Search Results](#)[Help](#)[User Searches](#)

L21: Entry 68 of 70

File: USPT

Aug 23, 1994

[Preferences](#)[Logout](#) NO: 5341293

DOCUMENT-IDENTIFIER: US 5341293 A

TITLE: User interface system having programmable user interface elements

DATE-ISSUED: August 23, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vertelney; Laurie J.	San Carlos	CA		
Erickson; Thomas D.	Mountain View	CA		
Mountford; S. Joy	Mountain View	CA		
Thompson-Rohrlich; John A.	Palo Alto	CA		
Salomon; Gitta B.	Palo Alto	CA		
Wong; Yin Y.	Palo Alto	CA		
Venolia; Daniel S.	Soquel	CA		
Gomoll; Kathleen M.	San Francisco	CA		
Hulteen; Eric A.	Los Gatos	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Apple Computer, Inc.	Cupertino	CA			02

DISCLAIMER DATE: 20110419

APPL-NO: 07/ 940237 [\[PALM\]](#)

DATE FILED: September 3, 1992

PARENT-CASE:

This is a continuation of application Ser. No. 07/700,729, filed May 15, 1991, now U.S. Pat. No. 5,202,828.

INT-CL: [05] G06F 15/403

US-CL-ISSUED: 364/419.17; 364/419.1, 395/159

US-CL-CURRENT: [715/530](#); [345/839](#), [345/866](#), [715/512](#)

FIELD-OF-SEARCH: 364/419, 364/2MSfile, 364/300, 364/9MSfile, 340/710, 340/721, 395/145-149, 395/155, 395/161, 395/159

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)[Search ALL](#)[Clear](#)

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4791556</u>	December 1988	Vilkaitis	364/200
<input type="checkbox"/>	<u>4931783</u>	June 1990	Atkinson	340/710

ART-UNIT: 231

PRIMARY-EXAMINER: Envall, Jr.; Roy N.

ASSISTANT-EXAMINER: Poinvil; Frantz

ATTY-AGENT-FIRM: Blakely, Sokoloff, Taylor & Zafman

ABSTRACT:

A user interface element having a plurality of user interface elements for marking, finding, organizing, and processing data within documents stored in an associated computer system are described. Each element typically has an appearance which is uniquely related to the data or the function the element is designed to represent or perform, respectively. In their simplest form, these elements are only used to mark data within a document. Each element, however, can also be programmed to cause the computer to perform some function in association with the marked data, such as printing the data or mailing the data to someone. A user can select particular data within a document using an element and have that data associated with the element in memory. Data marked with common elements can be found by searching for a particular representative element in memory. Users can create their own elements, program elements with their own desired functionality, and modify existing elements. Elements can also be compounded together so as to cause a combination of tasks to be performed by simply activating one element.

48 Claims, 33 Drawing figures

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)